

Nithya Hellar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

920
citations

16
h-index

25
g-index

25
ext. papers

1,045
ext. citations

3.3
avg, IF

3.65
L-index

#	Paper	IF	Citations
25	Structural, vibrational and electrical characterization of PVA:NH ₄ Br polymer electrolyte system. <i>Physica B: Condensed Matter</i> , 2008 , 403, 2740-2747	2.8	175
24	FTIR, XRD and ac impedance spectroscopic study on PVA based polymer electrolyte doped with NH ₄ X (X=Cl, Br, I). <i>Journal of Non-Crystalline Solids</i> , 2009 , 355, 84-90	3.9	141
23	Conductivity and dielectric properties of polyvinyl alcohol/polyvinylpyrrolidone poly blend film using non-aqueous medium. <i>Journal of Non-Crystalline Solids</i> , 2011 , 357, 3751-3756	3.9	79
22	Structural and thermal studies of PVA:NH ₄ I. <i>Journal of Physics and Chemistry of Solids</i> , 2009 , 70, 1098-1103	3.9	78
21	Thermal and dielectric studies of polymer electrolyte based on P(ECH-EO). <i>Materials Chemistry and Physics</i> , 2011 , 126, 404-408	4.4	55
20	Structural, vibrational, thermal, and conductivity studies on proton-conducting polymer electrolyte based on poly (N-vinylpyrrolidone). <i>Ionics</i> , 2012 , 18, 91-99	2.7	50
19	Laser Raman and ac impedance spectroscopic studies of PVA: NH ₄ NO ₃ polymer electrolyte. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010 , 75, 474-8	4.4	49
18	Structural and ionic conductivity studies on proton conducting polymer electrolyte based on polyvinyl alcohol. <i>Ionics</i> , 2009 , 15, 487-491	2.7	41
17	Proton-conducting polymer electrolyte based on PVA-PAN blend doped with ammonium thiocyanate. <i>Ionics</i> , 2015 , 21, 1017-1029	2.7	35
16	Structural, electrical and electrochemical properties of polyacrylonitrile-ammonium hexafluorophosphate polymer electrolyte system. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	26
15	Lithium Ion Conducting Polymer Electrolyte Based on Poly (Vinyl Alcohol) /Poly (Vinyl Pyrrolidone) Blend with LiClO ₄ . <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2012 , 61, 1164-1175 ²³	2.8	23
14	Dielectric, modulus and impedance analysis of LaF ₃ nanoparticles. <i>Physica B: Condensed Matter</i> , 2010 , 405, 3803-3807	2.8	22
13	Characterization of nanocomposite polymer electrolyte based on P(ECH-EO). <i>Physica B: Condensed Matter</i> , 2011 , 406, 3367-3373	2.8	20
12	Structural, electrical conductivity, and transport analysis of PAN:NH ₄ Cl polymer electrolyte system. <i>Ionics</i> , 2016 , 22, 1085-1094	2.7	18
11	Effect of calcium doping on LaCoO ₃ prepared by Pechini method. <i>Powder Technology</i> , 2013 , 235, 140-143.2	3.2	17
10	Thermal, vibrational and Ac impedance studies on proton conducting polymer electrolytes based on poly(vinyl acetate). <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 531-536	3.9	16
9	Synthesis and electrochemical studies on LiV ₃ O ₈ . <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 1847-1854	3.54	15

8	Effect of propylene carbonate and dimethylformamide on ionic conductivity of P(ECH-EO) based polymer electrolyte. <i>Electrochimica Acta</i> , 2012 , 66, 110-120	6.7	14
7	Structural and conductivity analysis on cerium fluoride nanoparticles prepared by sonication assisted method. <i>Solid State Sciences</i> , 2012 , 14, 626-634	3.4	12
6	Structural and ionic conductivity studies on P(ECH-EO):EBL:LiClO ₄ plasticized polymer electrolyte. <i>Ionics</i> , 2011 , 17, 587-593	2.7	10
5	Electrical properties of cerium fluoride thin films. <i>Ionics</i> , 2010 , 16, 481-486	2.7	10
4	Influence of substrate temperature on CeF ₃ thin films prepared by thermal evaporation. <i>Materials Chemistry and Physics</i> , 2014 , 143, 765-772	4.4	5
3	Laser Raman and conductivity studies of plasticized polymer electrolyte P(ECH-EO):propylenecarbonate:butyrolactone:LiClO ₄ . <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 1791-1797	2.6	5
2	Synthesis, micro-structural, and electrical analysis on lanthanum fluoride. <i>Ionics</i> , 2012 , 18, 461-471	2.7	4
1	Synthesis of Li(1+x)V ₃ O ₈ by chemical route and its characterization. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 737-42	1.3	